

WE CLAIM:

1. A T helper cell epitope, the epitope being contained within a peptide sequence selected from the group consisting of PRTSDRPVSYTMNRTRS (SEQ ID NO: 4); TRSRKQTSRLKNIPVH (SEQ ID NO: 5); SHQYLVIKLIPNASLIE (SEQ ID NO: 6);
5 and SPDKLLTFIASDTCPLV (SEQ ID NO: 25).
2. A composition for use in raising an immune response in an animal, the composition comprising at least one T helper cell epitope, the at least one T helper cell epitope being contained within a peptide sequence selected from the group consisting of
10 PRTSDRPVSYTMNRTRS (SEQ ID NO: 4); TRSRKQTSRLKNIPVH (SEQ ID NO: 5); SHQYLVIKLIPNASLIE (SEQ ID NO: 6); and SPDKLLTFIASDTCPLV (SEQ ID NO: 25), and a pharmaceutically acceptable carrier.
3. A composition as claimed in claim 2 in which the composition comprises at least
15 one peptide selected from the group consisting of PRTSDRPVSYTMNRTRS (SEQ ID NO: 4); TRSRKQTSRLKNIPVH (SEQ ID NO: 5); SHQYLVIKLIPNASLIE (SEQ ID NO: 6); and SPDKLLTFIASDTCPLV (SEQ ID NO: 25).
4. A composition as claimed in claim 2 in which the composition further comprises
20 at least one B cell epitope and/or at least one CTL epitope.
5. A composition as claimed in claim 4 in which the at least one B cell epitope and/or the at least one CTL epitope are linked to at least one of the T helper cell epitopes.
- 25 6. A composition as claimed in claim 5 in which the composition comprises a plurality of epitope constructs in which each conjugate comprises at least one T helper cell epitope and at least one B cell epitope.
7. A composition as claimed in claim 5 in which the composition comprises a
30 plurality of epitope constructs in which each conjugate comprises at least one T helper cell epitope and at least one CTL epitope.
8. A composition as claimed in claim 4 in which the composition comprises an LHRH B cell epitope.

9. A composition as claimed in claim 2 in which the composition comprises a plurality of T helper cell epitopes.
10. A composition as claimed in claim 9 in which the plurality of T cell epitopes is a single polypeptide.
11. A composition as claimed in claim 9 in which the composition further comprises at least one B cell epitope and/or at least one CTL epitope.
12. A composition as claimed in claim 11 in which the least one B cell epitope and/or at least one CTL epitope is linked to the plurality of T helper cell epitopes.
13. A composition as claimed in claim 11 in which the composition comprises an LHRH B cell epitope.
14. A composition as claimed in claim 2 in which the composition comprises an adjuvant.
15. A composition as claimed in claim 14 in which the adjuvant comprises ISCOMs or Iscomatrix.
16. A method of inducing an immune response in an animal, the method comprising administering to the animal the composition as claimed in claim 2.